

FUEL INJECTION VALVE

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- WO02059477 (A3)
- EP1356202 (A3)
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- US6866210 (B2)
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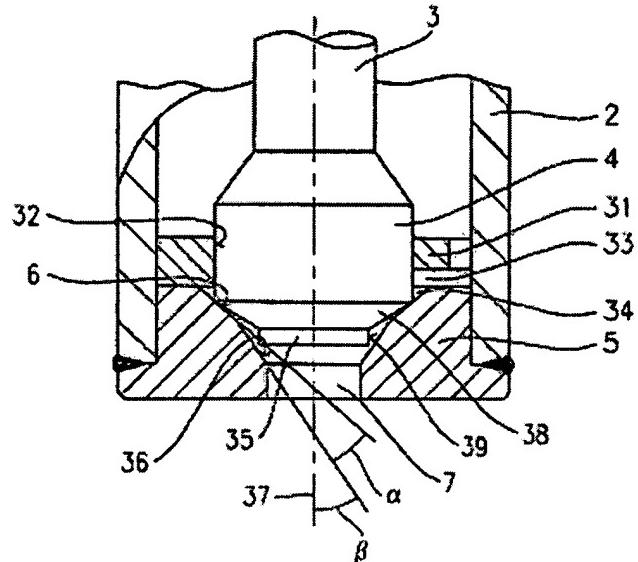
Cited documents:

- GB2185070
- DE932209
- US4523719
- DE3710467

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Abstract of WO02059477

The invention relates to a fuel injection valve for fuel injection systems of internal combustion engines, comprising a valve closing body (4) that is functionally linked with a valve needle (3) and that interacts with a valve face (6) arranged in a recess of a valve seat body (5) to give a sealing seat, and at least one injection opening (7) arranged in the valve seat body (5). The recess of the valve seat body (5) defines a second surface (36) between the valve face (6) and the injection opening (7) which surface includes a more acute angle (β) with the median axis (37) of the fuel injection valve (1) than the valve face (6). A closing body projection (35) disposed on the down-stream end of the valve closing body (4) has a peripheral surface (39) that forms an obtuse angle with the adjoining contour of the valve closing body (4).



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